

Amendments to the Specification:

Please replace the paragraph beginning at page 7, line 16 with the following amended paragraph:

-- A controller (~~not depicted~~) 20 regulates the current flowing through heating element 4 and thus the heat output of heating element 4. The heat output is regulated, for example, as a function of the temperature in the metering chamber (not depicted) or by way of a characteristic curve stored in the controller that senses further operating parameters, for example the time elapsed since the startup of dosing device 1 or, for example, of the associated secondary combustion device (not depicted).

Please replace the four paragraphs beginning at page 8, line 30, and ending at page 9, line 21 with the following amended paragraphs:

-- Figure 3 is a schematic depiction of a third example embodiment of a dosing device 1 according to the present invention in the region of nozzle body 37. In this example embodiment, nozzle body 37 is configured in the form of a hollow cylinder, one end being open and closed off in hermetically sealed fashion by metering conduit 8. The other end is terminated spherically and has a centrally arranged spray discharge opening 15.

Disposed inside nozzle body 37 is a swirl insert 16 that is adapted, with a smaller diameter, to the inner contours of nozzle body 37. A swirl channel 17 extends helically in the surface of nozzle body 37. The tubular heating element 34, made of a wire-mesh net, is disposed as an insert between swirl insert 16 and the inner circumference of nozzle body 37.

Figure 4 is a schematic depiction of a fourth example embodiment of a dosing device 1 according to the present invention in the region of nozzle body 7; in contrast to the third example embodiment of Figure 3, nozzle 7 is terminated at its end facing away from metering conduit 8 not spherically, but rather with a perforated spray disk 18 that has several spray discharge openings 15 (not depicted in further detail). Disposed on the side of perforated spray disk 18 facing toward metering conduit 8 is an annular element 19 that decreases the inside width of nozzle body 7 toward perforated spray disk 18. Heating element 44 is disposed as an insert directly on the inner circumference of annular element 19, heating element 44 here likewise being made up of a wire-mesh net and being embodied in tubular fashion.

Figure 5 is a schematic depiction of a fifth example embodiment of a dosing device 1 according to the present invention. Here heating element 54 is arranged after spray discharge openings 15 by the fact that metering conduit 8 engages laterally through heating element 54,

which is tubular in this example embodiment. Spray discharge openings 15, situated in the nozzle body 57, open into the metering chamber (not depicted) with heating element 54 interposed.